

TABLE 6A. Primary Products of the Industry by Geographic Areas: 1963 and 1958

| Product and geographic area | 1963 | | | | | | 1958 | | | | | |
|---|--------------------------------|----------------------------|-----------------|--|--|----------------|--------------------------------|----------------------------|-----------------|--|--|----------------|
| | Shipments including interplant | | | Minerals treated | | | Shipments including interplant | | | Minerals treated | | |
| | Production (1,000 long tons) | Quantity (1,000 long tons) | Value (\$1,000) | Produced and shipped (1,000 long tons) | Received from other establishments (1,000 long tons) | Cost (\$1,000) | Production (1,000 long tons) | Quantity (1,000 long tons) | Value (\$1,000) | Produced and shipped (1,000 long tons) | Received from other establishments (1,000 long tons) | Cost (\$1,000) |
| United States, total: | | | | | | | | | | | | |
| Crude iron ore, total: | | | | | | | | | | 58,818 (X) | | |
| Direct shipping ore | | | | | | | | | | 58,818 (X) | | |
| Beneficiation grade ore | | | | | | | | | | 12,074 (X) | | |
| Treated iron ores (including washed material) | | | | | | | | | | 12,074 (X) | | |
| Iron agglomerates | | | | | | | | | | (X) | | |
| Receipts for treating minerals on a custom or toll basis (included in value of treated ores and | | | | | | | | | | (X) | | |
| Net production and shipments | | | | 112,441 (X) | | | | | | (X) | | |
| Manganese iron ore (included above) | | | | 112,441 (X) | | | | | | 7,200 (X) | | |
| Middle Atlantic: | | | | 28,271 (X) | 30,082 (X) | | | 50,571 (X) | | 2,210 (X) | | |
| Crude iron ore | | | | (X) | 30,082 (X) | | | 34,036 (X) | | | | |
| | | | | (X) | 2,089 (X) | | | 161,535 (X) | | | | |
| For consumption | | 41,058 (X) | | (X) | (X) | | | 22,535 (X) | | | | |
| | | 13,581 (X) | | (X) | 2,089 (X) | | | 20,781 (X) | | | | |
| | | 27,477 (D) | | 9,409 (X) | | | 108,142 (X) | 1,754 (X) | | | | |
| Net iron ore production and shipments | 132,504 (D) | 34,296 (D) | | 3,767 (X) | (X) | 52,220 (X) | 32,804 (X) | 13,204 (X) | | 2,210 (X) | 19,935 (X) | 57,360 (X) |
| New York: | 140 (D) | | | 3,767 (X) | | | 75,338 (X) | | | | | |
| Net iron ore production and shipments | 64,083 (X) | 26,660 (X) | 134,300 (X) | (X) | | 52,220 (X) | 20,819 (X) | 68,020 (X) | 311,060 (D) | | 881 (X) | 7,302 (X) |
| North Carolina: | 34,789 (X) | | 91,926 (X) | 1,930 (X) | (X) | 12,396 (X) | 13,298 (X) | 787 (X) | 278,549 (D) | | | 7,302 (X) |
| Direct shipping ore | 29,294 (D) | 74,537 (D) | 42,374 (X) | 82,860 (X) | (X) | 12,396 (X) | | | 190,364 (X) | 11,671 (X) | | |
| | 26,586 (X) | 41.8 (D) | 260,559 (X) | 82,860 (X) | | | 66,920 (X) | | 176,325 (X) | | | |
| Treated iron ores total | | 918 (D) | | 82,860 (D) | | | 437 (D) | | 14,039 (X) | | | |
| For consumption | 73,778 (D) | 4,085 (X) | 353,983 (D) | 22,994 (X) | | | 7,326 (X) | 787 (D) | 163,120 (X) | 44,068 (X) | | |
| For agglomeration | | 5,004 (X) | 4,861 (X) | (X) | | (X) | 3,190 (X) | 2,236 (NA) | 1,451 (X) | | | |
| | 9,213 (X) | 2,388 (X) | 706,468 (X) | 22,994 (D) | | | 809 (D) | 3,042 (D) | 617,994 (D) | 44,068 (D) | | |
| Net production and shipments | 4,651 (X) | 38,688 (X) | 14,271 (X) | (X) | | | 2,381 (X) | 1,938 (D) | | | | |
| Manganese iron ore (included above) | 3,766 (X) | 11,343 (X) | 14,271 (X) | (X) | | (X) | 2,239 (MA) | 41,386 (D) | 14,429 (D) | | | |
| Michigan: | 4,074 (D) | 27,345 (D) | 60,153 (D) | (X) | (X) | (X) | 2,122 (X) | 26,608 (MA) | 14,429 (X) | | | |
| Net iron ore production and shipments | 4,959 (D) | 25,809 (D) | 74,424 (D) | (D) | (D) | (X) | 86,010 (X) | 17,894 (X) | 31,627 (NA) | | | |
| Minnesota: | 2,354 (D) | | 29,376 (D) | (D) | (D) | | 27,155 (D) | | | (X) | | |
| Net iron ore production and shipments | 120,759 (D) | 21,123 (D) | 118,687 (X) | (X) | (X) | | 58,855 (D) | 17,894 (D) | 24,162 (D) | 16,486 (X) | | |
| South: | 10,182 (D) | 58,276 (D) | 76,890 (D) | 1 (D) | (D) | | 25,926 (D) | 9,307 (D) | 236,287 (D) | | | |
| | 110,577 (D) | 418 (D) | 41,797 (D) | 1 (D) | (X) | | 16,283 (D) | 9,307 (NA) | 212,729 (X) | 16,486 (D) | | |
| | 50,363 (D) | | 196,187 (D) | (D) | (X) | | 9,643 (X) | 23,558 (NA) | | | | |
| | 26,344 (D) | 10,802 (D) | | (X) | (D) | | 9,399 (X) | 7,523 (X) | 143,980 (X) | | | |
| | 24,019 (D) | 31,452 (D) | 275,871 (D) | 9,185 (X) | | | 52,837 (NA) | 8,254 (D) | 143,980 (D) | | | |
| Net iron ore production and shipments | 21,064 (D) | 1 (D) | 548,948 (X) | / (X) | 28,652 (X) | | 9,172 (D) | 32,953 (D) | 103,083 (D) | 42,080 (X) | | |
| South: | 57,590 (D) | | 2,753 (X) | (X) | 28,652 (D) | | 8,509 (D) | | | | | |
| | 16,516 (D) | 31,452 (D) | | | (D) | | 74,862 (D) | 32,953 (D) | 63,941 (X) | | | |
| | 10,381 (D) | 24,940 (D) | 105,343 (X) | | (X) | | 18,400 (X) | 16,422 (X) | 71,738 (X) | 16,089 (X) | | |
| Net iron ore production and shipments | 102,867 (D) | 46,170 (D) | 66,212 (X) | 9,185 (X) | (X) | | 56,462 (X) | 164,577 (NA) | | | | |
| Alabama: | 5,293 (D) | 245 (D) | 66,212 (X) | (X) | (X) | | 24,691 (D) | 4,592 (D) | 164,577 (D) | 42,080 (D) | | |
| Treated iron ores and agglomerates | 41,480 (D) | | 185,780 (X) | | | | 6,984 (D) | | 129,492 (D) | | | |
| Net iron ore production and shipments | 46,427 (D) | 245 (D) | 435,074 (X) | 5,328 (X) | (X) | 40,935 (X) | 865 (X) | 4,592 (NA) | | 4,353 (X) | | |
| West: | 167 (D) | 3,273 (D) | 1,408 (X) | (X) | | 40,935 (D) | 6,119 (D) | 4,528 (NA) | 41,250 (X) | | | |
| Direct shipping ore | 9,263 (D) | 133 (D) | 1,408 (X) | 10,987 (X) | | | 5,093 (D) | 2,484 (NA) | 41,250 (X) | | | |
| | 3,288 (D) | 1,977 (D) | 22,898 (X) | | (X) | | 3,800 (X) | | | | | |
| | 5,462 (D) | 2,110 (D) | 904 (X) | | | | 4,602 (X) | | | | | |
| Net iron ore production and shipments | 1,950 (D) | 2,124 (D) | 13,536 (X) | (X) | | | 7,822 (X) | | 33,955 (NA) | | | |
| Utah: | 2,083 (D) | | 14,440 (X) | 110 (X) | (X) | | | | | 17,499 (X) | | |
| Crude iron ore | 13,102 (D) | | 14,205 (X) | | | | | | | | | |
| Net iron ore production and shipments | 2,055 (D) | 2,124 (D) | 14,205 (X) | 987 (X) | | | 7,822 (NA) | | | | | |
| | 11,047 (D) | 7,984 (D) | 60,198 (X) | (X) | (X) | | | | | | | |
| Net iron ore production and shipments | 7,941 (D) | | (D) | (X) | | | | | | | | |
| | 1,859 (D) | | (D) | (X) | | | | | | | | |
| Net iron ore production and shipments | 1,783 (D) | 1,809 (D) | 12,545 (X) | (X) | (X) | | 3,566 (NA) | 6,434 (NA) | 50,158 (X) | 3,197 (X) | | |
| | 1,032 (D) | | (D) | (X) | | | 3,566 (NA) | 3,463 (NA) | 24,791 (X) | | | |
| | 760 (D) | 760 (D) | 3,989 (X) | (X) | (X) | | 647 (X) | 594 (X) | 3,626 (X) | | | |

(NA) Not available. (X) Not applicable.
Manganese iron ores produced in the IronStandard Notes: - Represents zero. (D) Withheld to avoid disclosure of figures for individual companies
Except for materials received from other establishments for treatment, represents only crude iron ores and manganese

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figures for materials received from others

Represents the sum of direct-shipping iron ore, treated iron ores for consumption, and iron agglomerates. Figures for quantity of materials agglomerated are combined with figures for quantity of crude ore treated and are combined with figures for materials treated at the same establishments where mined.